CIVIL QUALITY CONSULTANTS & ENGINEERS

(Buildings Geo-Tech & Highway Materials Testing Laboratory)
An ISO 9001: 2015 Certified Company
NABL Accredited As Per ISO/IEC : 17025:2005 Laboratory

JAS-ANZ
ISO 9001:2000 CERTIFIED

Job No.: CQCE/BBMP/DM/16/2020-2021

Date: 14.08.2020

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client Agency	: **Executive Engineer,** RR Nagar Division, Bangalore.
Name of the work	: **Sri.Damodar Manjunath,** Contractor, Bangalore.
	: Comprehensive Development of roads and drains in ward no. 16, Rajarajeshwarinagara Assembly Constituency under Package-2019-20 RRN-DIV-(01)
Sample ID	: Cement Concrete
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M_{15}
Compressive Strength as on	: 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	07.08.2020	14.08.2020	8.197	281.4	12.51
2	07.08.2020	14.08.2020	8.136	279.6	12.43
3	07.08.2020	14.08.2020	8.025	290.3	12.90

Note:

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Asst. Executive Engineer
Yeshwanthpura Sub-Division
Bruhat Bangalore Mahanagara Palike

For CIVIL QUALITY CONSULTANTS & ENGINEERS

Authorised Signatory

Office & Laboratory : # 133, Bhuvaneshwarinagar, Dodda Basti Main Road, Bangalore - 560 056.
e-mail: civilqualityconsultants@gmail.com Ph: 080-23240644 / Mob: 8553518550

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Grade of Concrete	: M_{15}
Compressive Strength as on	: 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	07.08.2020	14.08.2020	8.210	280.3	12.46
2	07.08.2020	14.08.2020	8.036	256.9	11.42
3	07.08.2020	14.08.2020	8.174	263.8	11.72

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Sample ID : Cement Concrete

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M_{15}

Compressive Strength as on : 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	07.08.2020	14.08.2020	8.071	273.6	12.16
2	07.08.2020	14.08.2020	8.136	296.1	13.16
3	07.08.2020	14.08.2020	8.207	304.9	13.55

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Sample ID : Cement Concrete

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Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M_{15}

Compressive Strength as on : 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	07.08.2020	14.08.2020	8.193	280.1	12.45
2	07.08.2020	14.08.2020	8.022	259.3	11.52
3	07.08.2020	14.08.2020	8.147	281.7	12.52

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Job No.: CQCE/BBMP/DM/16/2020-2021

Date: 12.08.2020

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : **Executive Engineer,** RR Nagar Division, Bangalore.
Agency : **Sri.Damodar Manjunath,** Contractor, Bangalore.
Name of the work : Comprehensive Development of roads and drains in ward no. 16, Rajarajeshwarinagara Assembly Constituency under Package-2019-20 RRN-DIV-(01)

Sample ID : Cement Concrete

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M_{15}

Compressive Strength as on : 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	05.08.2020	12.08.2020	8.035	290.3	12.90
2	05.08.2020	12.08.2020	8.165	284.5	12.64
3	05.08.2020	12.08.2020	8.174	276.1	12.27

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Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M_{15}

Compressive Strength as on : 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	05.08.2020	12.08.2020	8.096	283.5	12.60
2	05.08.2020	12.08.2020	8.201	297.4	13.22
3	05.08.2020	12.08.2020	8.157	301.9	13.42

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Sample ID : Cement Concrete

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Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M_{15}

Compressive Strength as on : 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	05.08.2020	12.08.2020	8.125	279.6	12.43
2	05.08.2020	12.08.2020	8.174	290.3	12.90
3	05.08.2020	12.08.2020	8.209	285.1	12.67

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Grade of Concrete	: M_{15}
Compressive Strength as on	: 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	05.08.2020	12.08.2020	8.015	290.3	12.90
2	05.08.2020	12.08.2020	8.179	276.8	12.30
3	05.08.2020	12.08.2020	8.035	280.3	12.46

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Date: 03.09.2020

TEST REPORT ON CONCRETE CUBES

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Sample ID	: Cement Concrete
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M_{15}
Compressive Strength as on	: 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	06.08.2020	03.09.2020	8.157	382.1	16.98
2	06.08.2020	03.09.2020	8.162	394.6	17.54
3	06.08.2020	03.09.2020	8.184	402.3	17.88

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Grade of Concrete	: M_{15}
Compressive Strength as on	: 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	06.08.2020	03.09.2020	8.166	375.6	16.69
2	06.08.2020	03.09.2020	8.185	384.9	17.11
3	06.08.2020	03.09.2020	8.192	392.3	17.44

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